



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.7817
Job Sheet 181408



Part No: 647.7817

Job Qty: 50 ea

Part Name: Aft Bracket



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/26/18

Job Tracking No:

Due Date: 9/10/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV A IPP Rev A RQ 14.08.27 Verified by DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	50 Ea		9/10/18	0.00	0.00	Start Up Machining-1		SBL 18/09/26
100	Bandsaw	50 pcs		9/10/18	0.00	0.10	Bandsaw1		SBL 18/09/26
110	CNC Vertical Machining	50 pcs		9/10/18	0.30	23.72	HAAS1-1		SBL 18/09/26
120	QC	50 pcs		9/10/18	0.00	0.00	QC2 Machining-1		SBL 18/09/26
130	QC	50 pcs		9/10/18	0.00	0.00	QC8 Machining-1		SBL 18/09/26
140	Outsource	50 pcs		9/10/18			ATG001-VC	5	SEP 27 2018
150	Packaging	50 pcs		9/10/18	0.00	0.00	Packaging2		OCT 11 2018
160	QC	50 pcs		9/10/18	0.00	0.00	QC5		OCT 12 2018
180	Packaging	50 pcs		9/10/18	0.00	0.00	Packaging3-1		OCT 15 2018
190	QC21-SA	50 Ea		9/10/18	0.00	0.00	QC21		OCT 15 2018

Part Op 100 - Cut Blanks at 4.25"

Descriptions: 110 - 1-Machine per folio F313

140 - Issue P/O to ATG : PO0411165 Hard Black Anodize and Prime as per Dwg 647.7800 Rev. A

180 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6B1.500X1.500	7075 T6 Bar 1.500 X 1.500	50 ft (1 ea)	90-Start up Operation	S113826

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M7075T6B1.500X1.500	50	0	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Aft Bracket	0.177Inches + 0.005 - 0.001	0.182 0.176	Diameter	177
2	Aft Bracket	0.527Inches ± 0.002	0.529 0.525		527
3	Aft Bracket	1.276Inches ± 0.002	1.278 1.274		1276
4	Aft Bracket	2.404Inches ± 0.002	2.406		

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____ Date : _____	DISPOSITION ☐ Rework ☐ Scrap ☐ Use as-is ☐ Suspected unapproved ☐ Skid-tube ☐ Machining ☐ Thermopforming ☐ Large Fab ☐ QTY Life Use	DART AEROSPACE Container No: S113838 Part: 647.7817 Job No: 181408 Serial No/Batch: S113838 Revision: _____ Inspector: _____ Exp Date: _____ Instructions: _____ Date: 09/26/18 DART AEROSPACE 1270 Abenden Street Markham, ON R6A 1K7 CANADA TEL: 1 813 632-5200 Email: sales@dartaero.com www.dartaerospace.com	PROCESS ☐ Water Jet ☐ d. Eng. Coord. ☐ e/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other		
Description 		MRB (QSI042) Approval 			
		Completed By 			
		Lead hand / Supervisor Approval Verification 			
Root Cause ☐ Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes			
				☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center	
OTHER : _____					

			2.402	
5	Aft Bracket	3.576Inches ± 0.002	3.578 3.574	2,404 3,576
6	Aft Bracket	0.666Inches ± 0.002	0.668 0.664	,665
7	Aft Bracket	0.631Inches ± 0.002	0.633 0.629	,630
8	Aft Bracket	0.578Inches ± 0.002	0.580 0.576	,577
9	Aft Bracket	0.573Inches ± 0.002	0.575 0.571	,572
10	Aft Bracket	4.048Inches ± 0.005	4.053 4.043	4,049
11	Aft Bracket	2.400Degrees ± 0.500	2.900 1.900	Angle 2,4
12	Aft Bracket	45.400Degrees ± 0.500	45.900 44.900	Angle 45,4
13	Aft Bracket	0.320Inches ± 0.005	0.325 0.315	Radius ,32
14	Aft Bracket	34.400Degrees ± 0.500	34.900 33.900	Angle 34,4
15	Aft Bracket	0.170Inches ± 0.005	0.175 0.165	,171
16	Aft Bracket	0.125Inches ± 0.005	0.130 0.120	Radius ,125
17	Aft Bracket	0.170Inches ± 0.005	0.175 0.165	,173
18	Aft Bracket	1.150Inches ± 0.005	1.155 1.145	,153

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041165**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO041165

PO Date: 9/27/18

Due Date: 10/25/18

Purchase Order
Revision:

Revision Date:

Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	181400	647.7814	Fwd Bracket Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg. 647.7800 Rev. A	Firmed	-	10/25/18	50 pcs	0 pcs	50 pcs	\$7.85/pcs	\$392.50
2	181408	647.7817	Aft Bracket Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg. 647.7800 Rev. A	Firmed	-	10/25/18	50 pcs	0 pcs	50 pcs	\$7.85/pcs	\$392.50
3	181415	647.1611	Wiper Deflector, Aft Issue P/O to ATG :	Firmed	-	10/25/18	48 pcs	0 pcs	48 pcs	\$11.70/pcs	\$561.60
Grand Total:											\$1,346.60



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PURCHASE ORDER PO041165

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

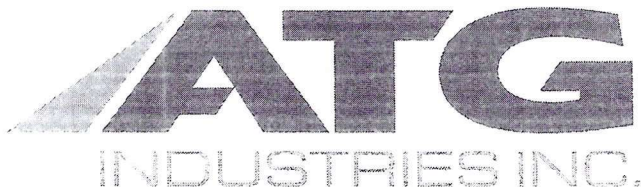
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/4/18 1:46 PM dart.beeecraft.ashley



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 916202

Date: 10-Oct-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
✓ 50 ea	Part: 647.7814 ✓ Fwd Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 23872	Rev: A PO: PO041165 ✓	Line: 1
✓ 50 ea	Part: 647.7817 ✓ Aft Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 23873	Rev: A PO: PO041165 ✓	Line: 2
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>10/10/2018</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. Made in Canada.			

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